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I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: March 20, 2006

ignature: (Andrea Silverman)

Docket No.: GFI/107 CIP

(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Stephen Hamilton

Application No.: 10/616,082

Confirmation No.: 9644

Filed: July 8, 2003

Art Unit: 1636

For:

**EXPRESSION OF CLASS 2** 

MANNOSIDASE AND CLASS III

MANNOSIDASE.IN LOWER EUKARYOTIC

**CELLS** 

Examiner: Joike, Michele K.

## INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08 form. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Applicant submits that copies of the references cited on the SB/08 form which are marked with a double asterisk (\*\*) next to the Cite No. were previously cited by or submitted to the Patent and Trademark Office in U.S. Application Serial No. 10/371,877 or U.S. Application Serial No. 09/892,591, which are relied upon in this application for an earlier filing date under 35 U.S.C. § 120. In accordance with 37 C.F.R. § 1.98(d), copies of these references are not been submitted herewith. Further, Applicant has not submitted copies of the cited U.S. patents, as the U.S. Patent and Trademark Office has waived this requirement for all published U.S. patent

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applications. In accordance with 37 C.F.R. § 1.98(a), a copy of reference CP2 is submitted herewith.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists. In accordance with 37 C.F.R. § 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that this Information Disclosure Statement is in compliance with 37 C.F.R. §1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 06-1075, under Order No. GFI/107 CIP. A duplicate copy of this paper is enclosed.

Dated: March 20, 2006

Respectfully submitted,

Barbara A. Ruskin

Registration No.: 39,350

Gloria Fuentes

Registration No.: 47,580 FISH & NEAVE IP GROUP

**ROPES & GRAY LLP** 

New York, New York 10020-1104

(212) 596-9000

(212) 596-9090 (Fax)

Attorneys for Applicant



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		_		Application Number	10/616,082	
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S	TATEMENT E	3Y /	APPLICANT	First Named Inventor	Stephen Hamilton	
				Art Unit	1636	
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Sheet 1		of	12	Attorney Docket Number	GFI/107 CIP	

	U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
	AA	4.414.329	11-08-1983	Wegner					
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
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11	NFORMATION	N DI	SCLOSURE	Filing Date	July 8, 2003	
STATEMENT BY APPLICANT			APPLICANT	First Named Inventor	Stephen Hamilton	
				Art Unit	1636	
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				Art Unit	1636	
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CC3**	Papac et al., "A high-throughput microscale method to release N-linked oligosaccharides from glycoproteins for matrix-assisted laser desorption/ionization time-of-flight mass spectrometric analysis," <i>Glycobiology</i> 8(5): 445-454 (1998).	
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CT3**	Sikorski et al., "A system of shuttle vectors and yeast host strains designed for efficient manipulation of DNA in <i>Saccharomyces cerevisiae</i> ," <i>Genetics</i> 122(1): 19-27 (1989).
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CB4**	Swiss Prot P32906
CC4**	Swiss Prot P39107
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CH4**	Ware et al., "Expression of Human Platelet Glycoprotein Ib-Alpha in Transgenic Mice," <i>Thrombosis and Haemostasis</i> 69(6): 1194-1194 (1993).

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C	CI4**	Weikert et al., "Engineering Chinese Hamster Ovary Cells to Maximize Sialic Acid Content of Recombinant Glycoproteins", <i>Nature Biotechnology</i> ,						
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	CS4**	Genbank Accession No. AF005034						
	CT4**	Genbank Accession No. AF106080						
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	CV4**	Genbank Accession No. D55649						
(	CW4**	Genbank Accession No. NM_073594						
	CX4**	Genbank Accession No. NM_121499						
	CY4**	Genbank Accession No. U31520						
	CZ4**	Genbank Accession No. X77652						
	CA5**	Genbank Accession No. XM_218816						
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Subs	stitute for form 1449A/B	/PTO		Complete if Known		
0000				Application Number	10/616,082	
IN	<b>FORMATIC</b>	ON DI	SCLOSURE	Filing Date	July 8, 2003	
S	<b>TATEMENT</b>	BY A	APPLICANT	First Named Inventor	Stephen Hamilton	
				Art Unit	1636	
	(Use as many	sheets as	necessary)	Examiner Name	Not yet assigned	
Sheet	12	of	12	Attorney Docket Number	GFI/107 CIP	

С	B5**	Genbank Accession No. NM 002406	
C	C5**	Genbank Accession No. CAA98114	
С	D5**	Genbank Accession No. NM_088548 (Genbank AN 6678787)	
C	E5**	Genbank Accession No. NM006715	
C	F5**	Genbank Accession No. X77652	
C	G5**	Genbank Accession No. X61172	
C	H5**	Genbank Accession No. NM_000528	

Examiner	Date	
Signature	Considered	